

Figure 1B

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

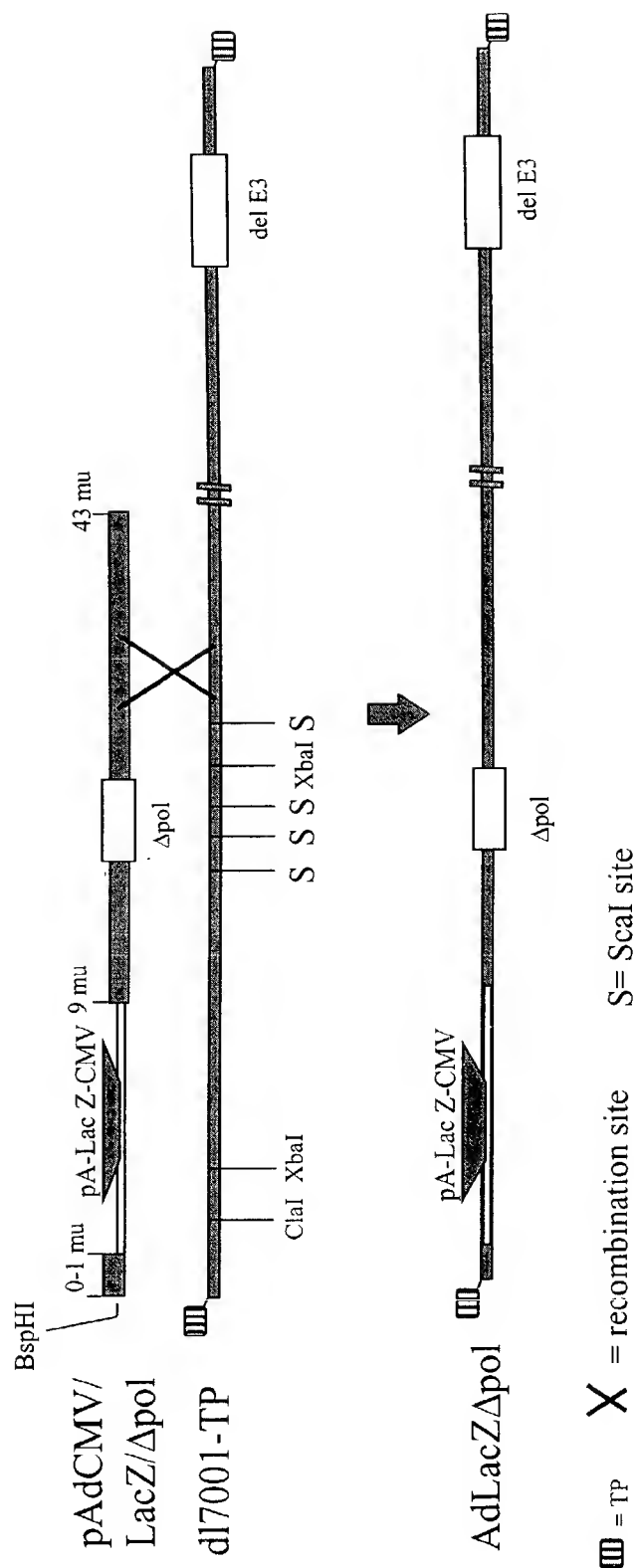


Figure 1C

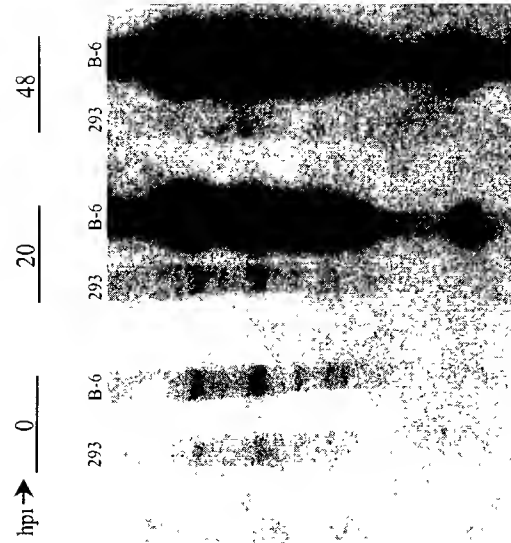


Figure 2

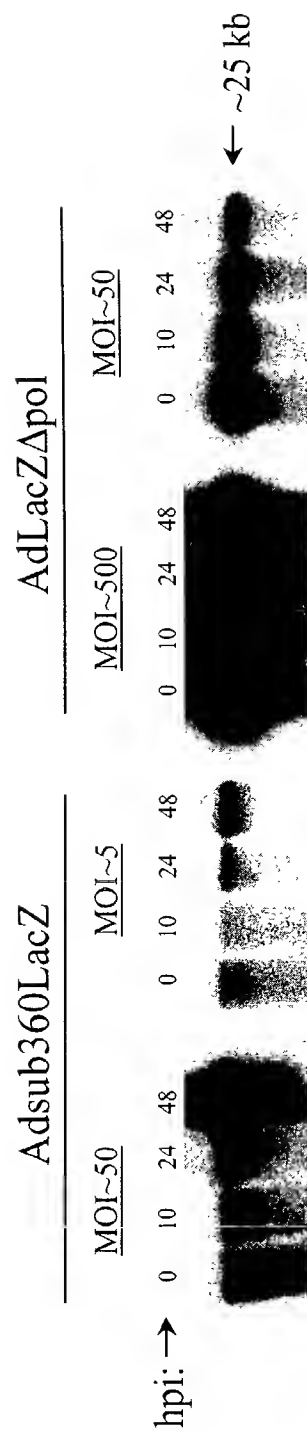


Figure 3

293 B-6 C-7

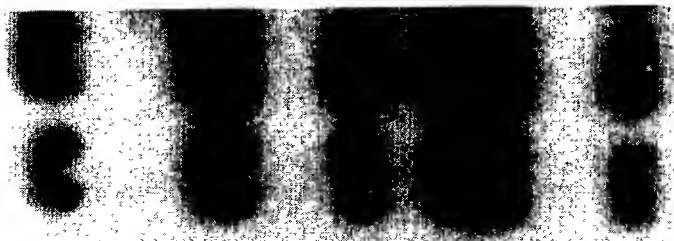


Figure 4

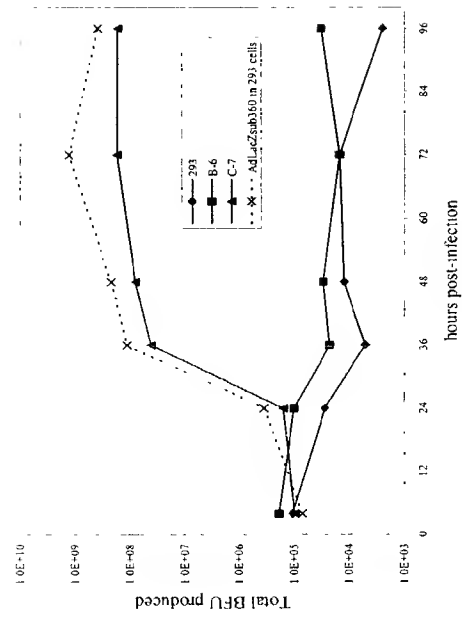


Figure 5

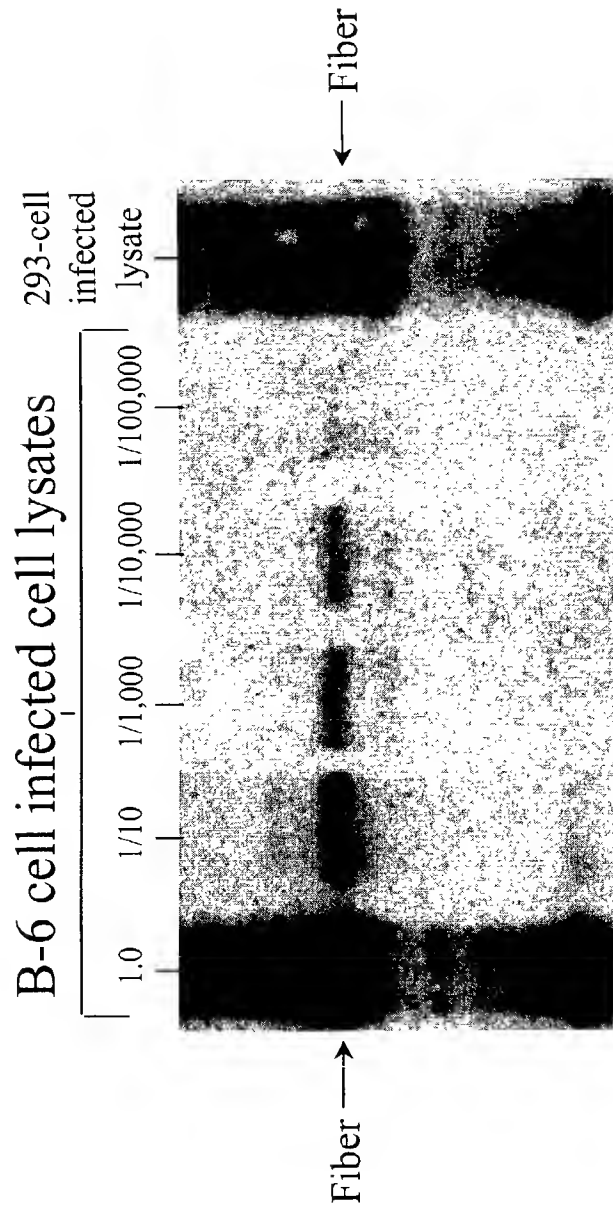


Figure 6



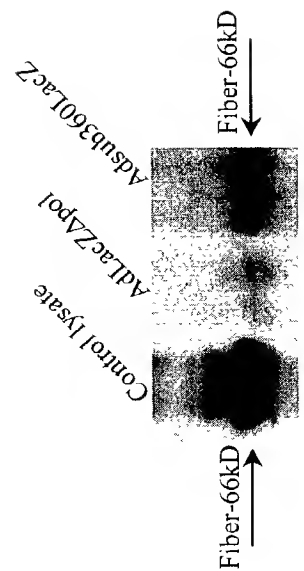


Figure 7

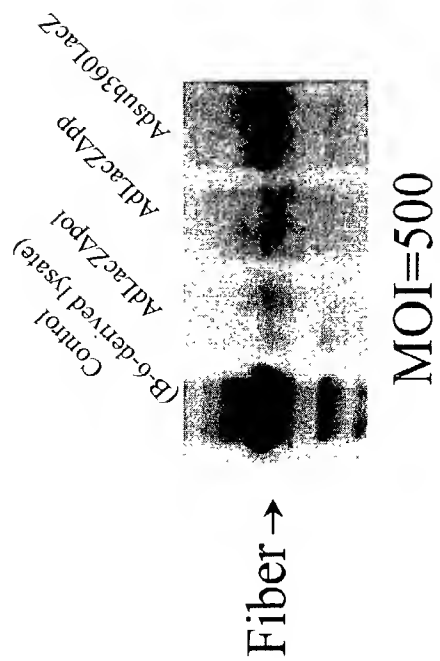


Figure 8

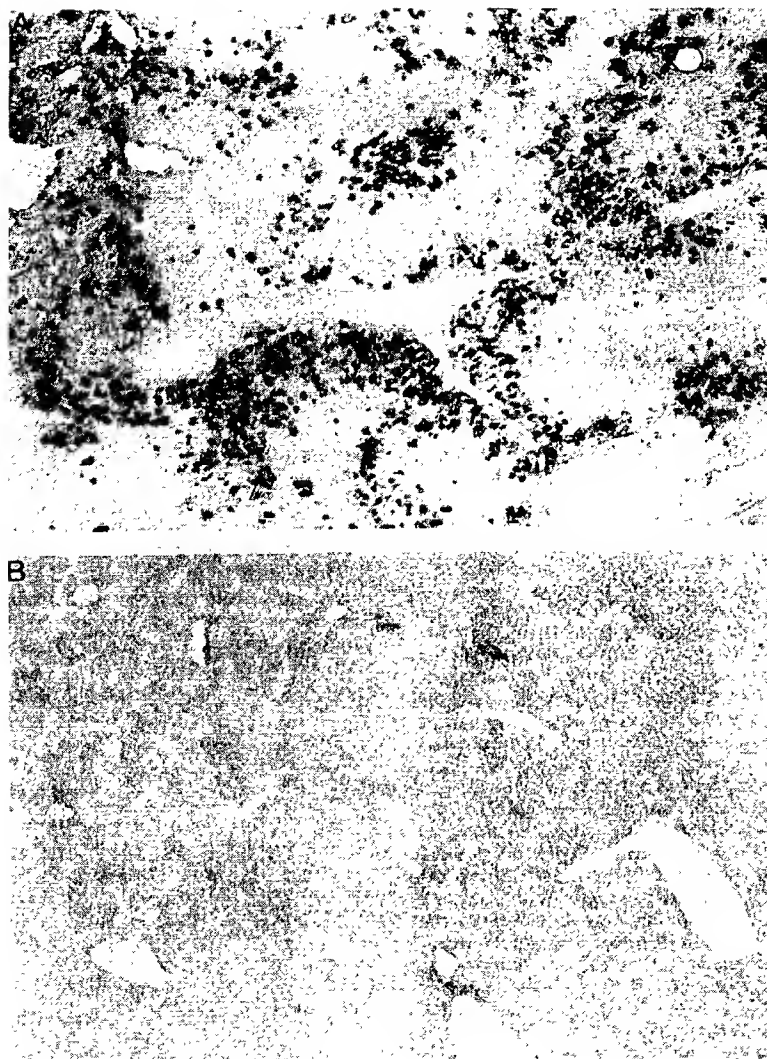


Figure 9



Std. dl7001 AdLacZΔpol

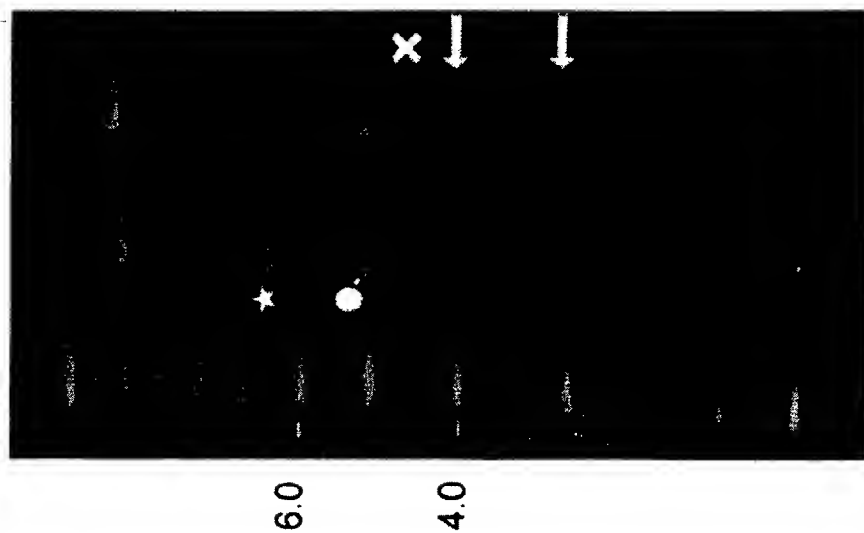


Figure 11

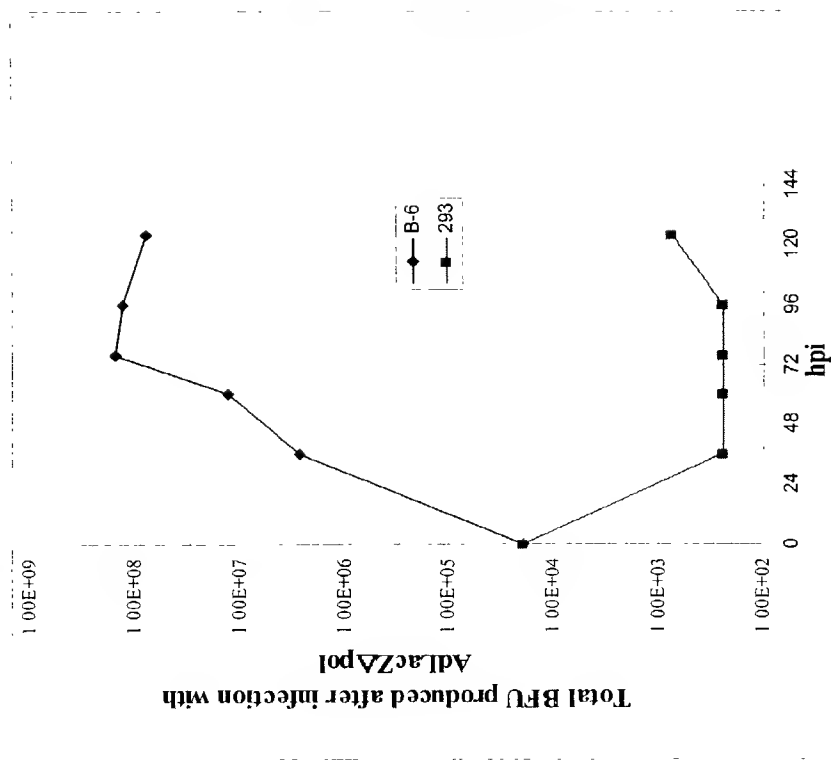


Figure 12

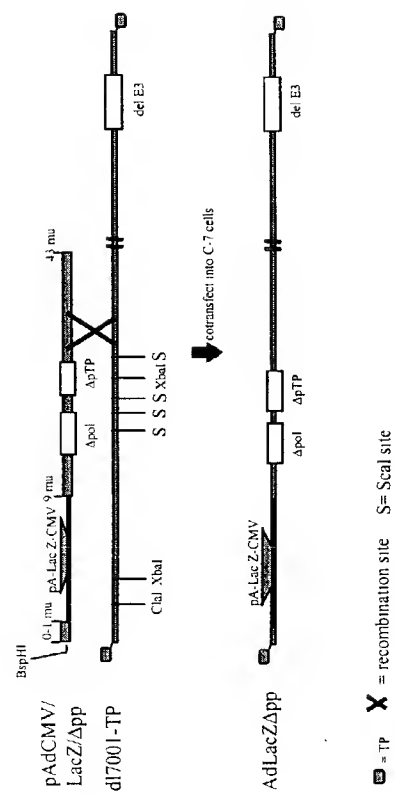
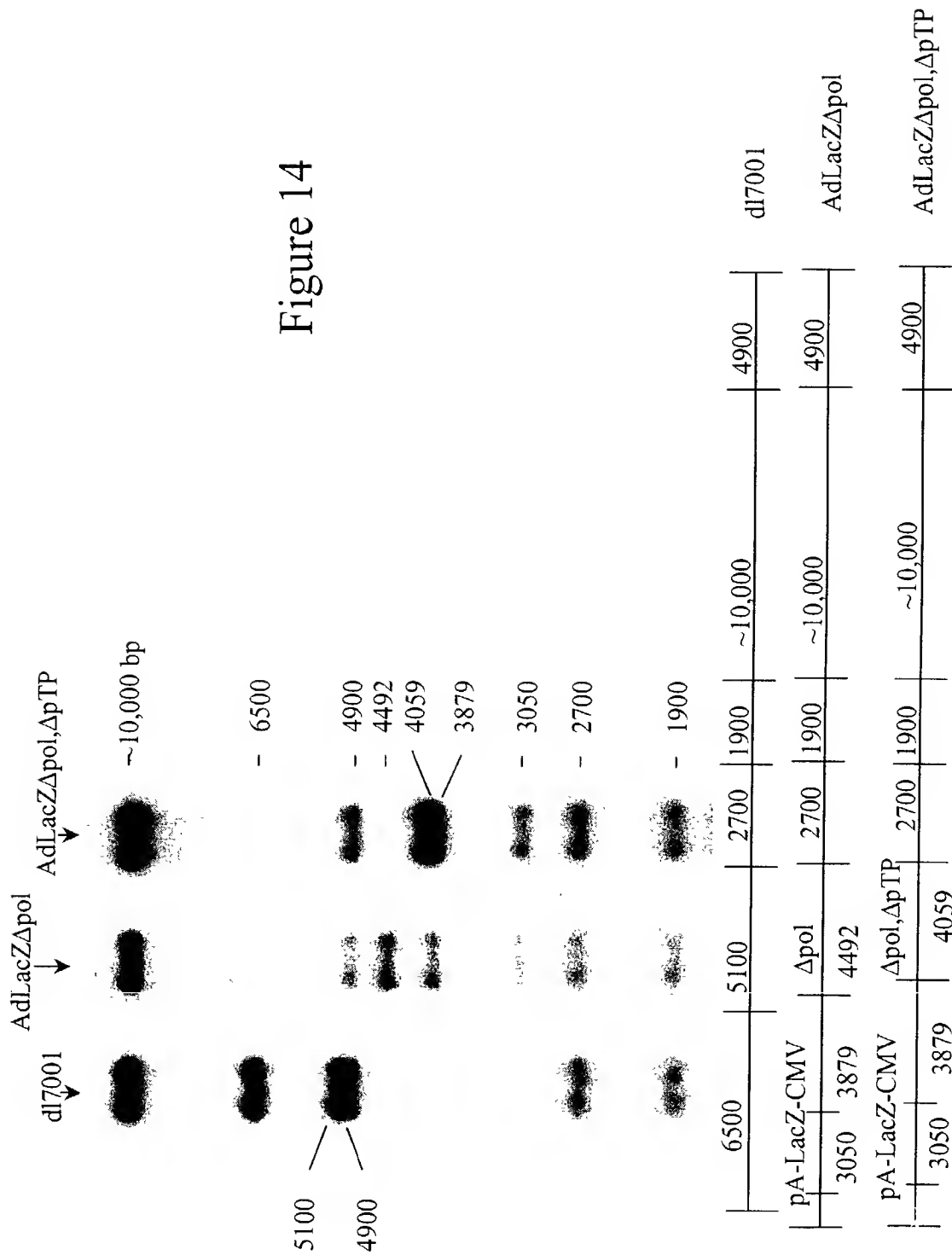


Figure 13





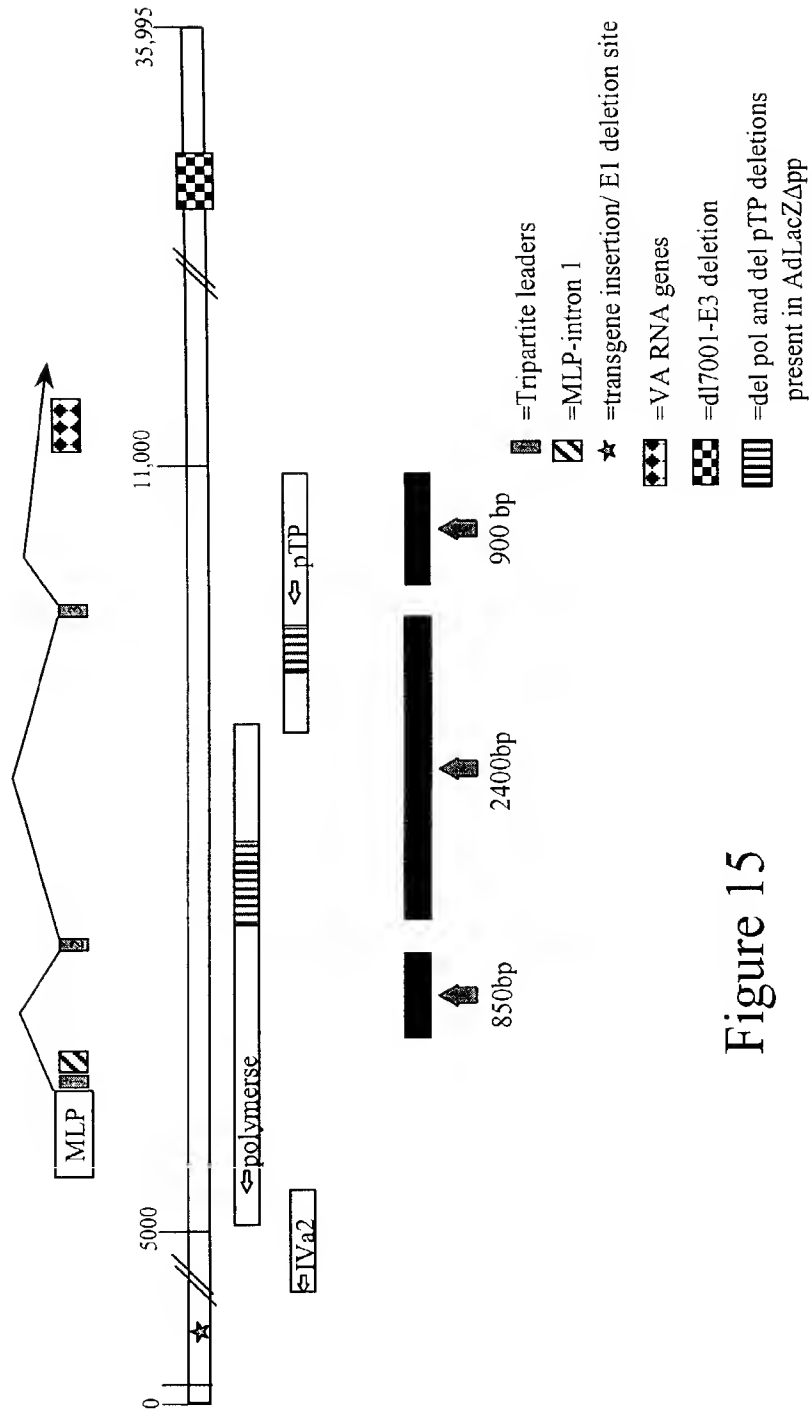


Figure 15

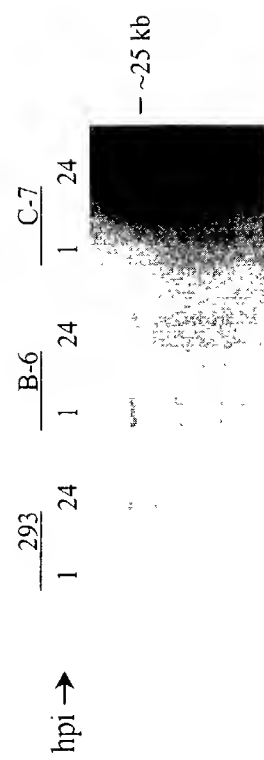


Figure 16



Figure 17

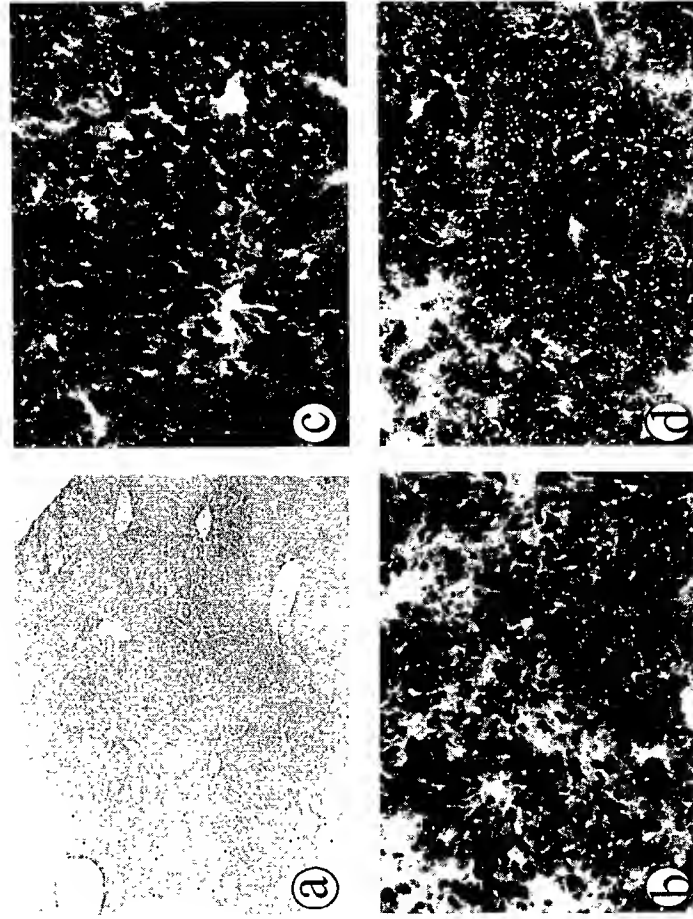
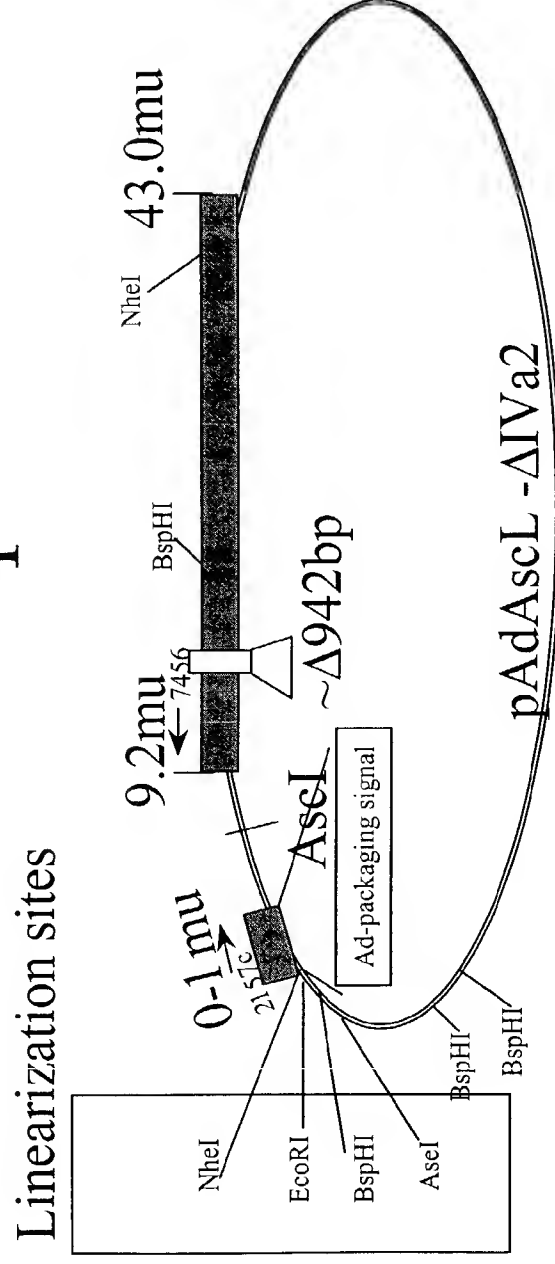


Figure 18

# pAdAscL- $\Delta$ IVa2 shuttle plasmid( $\sim$ 14.2kb)

Amp-Res



← primer site location of indicated primer

Figure 19

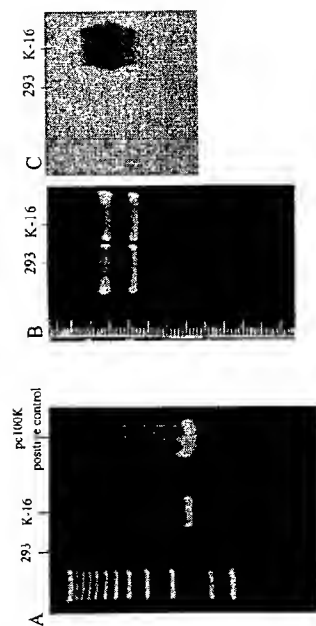
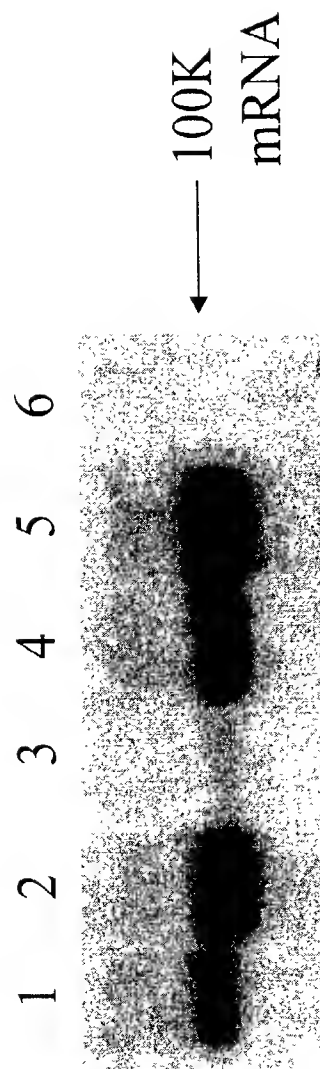


Figure 20



E1+pol+pTP+IVa2+100K= Lanes 1-4

E1+100K=Lane 5

E1= Lane 6

Figure 21

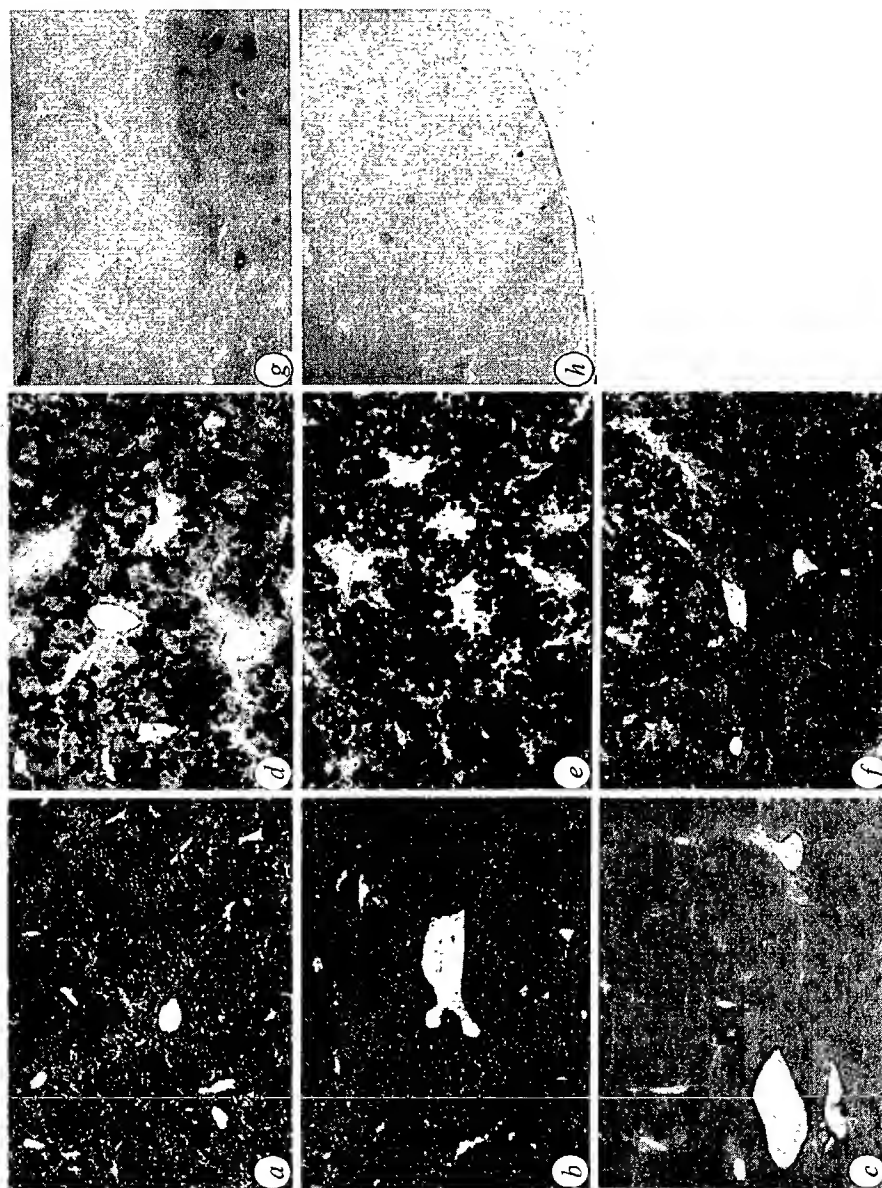
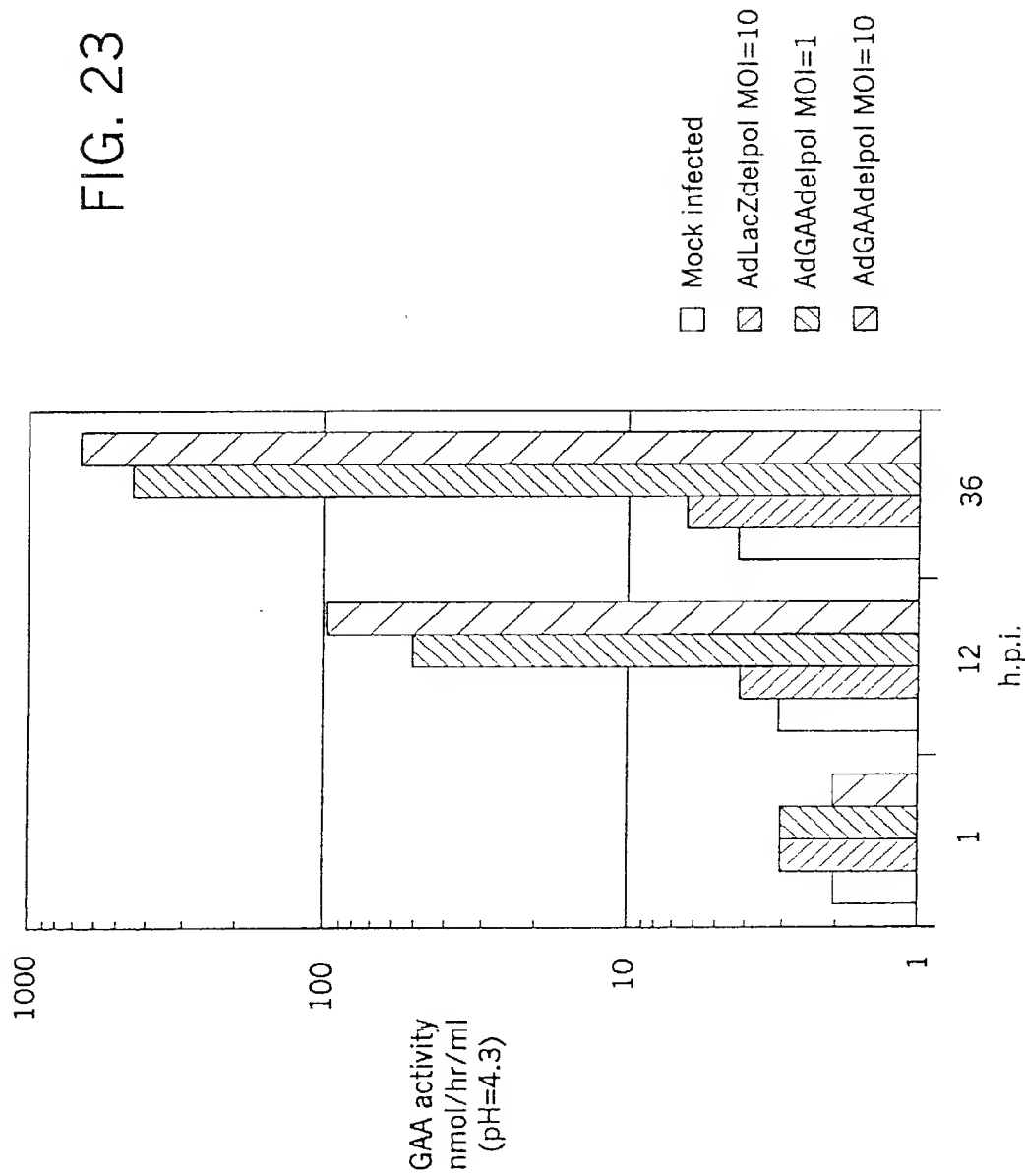


Figure 22



FIG. 23



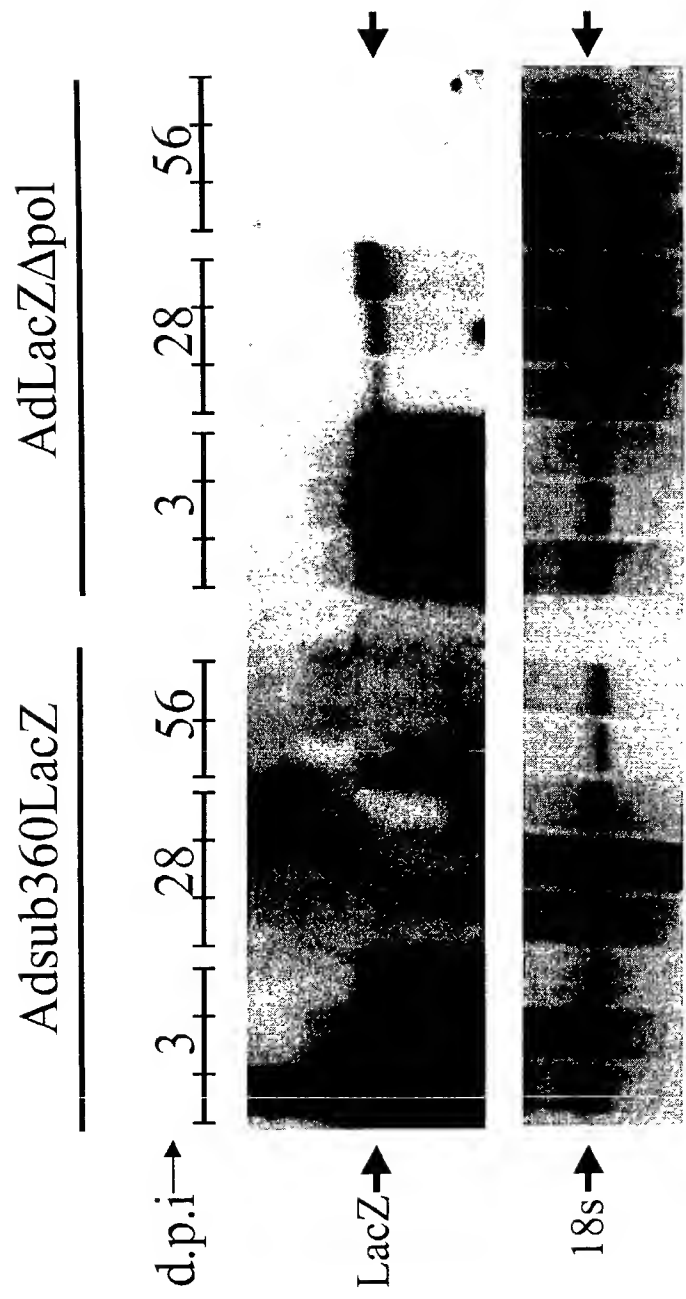


Figure 24

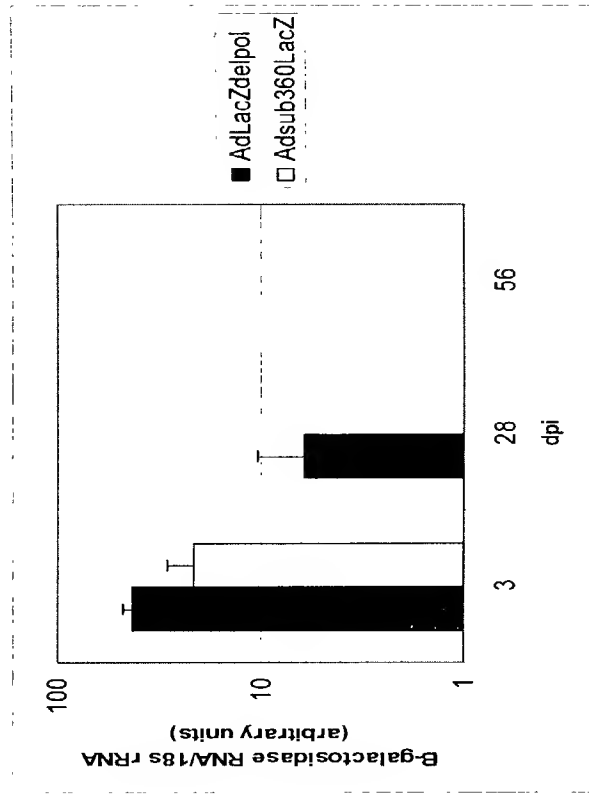


Figure 25

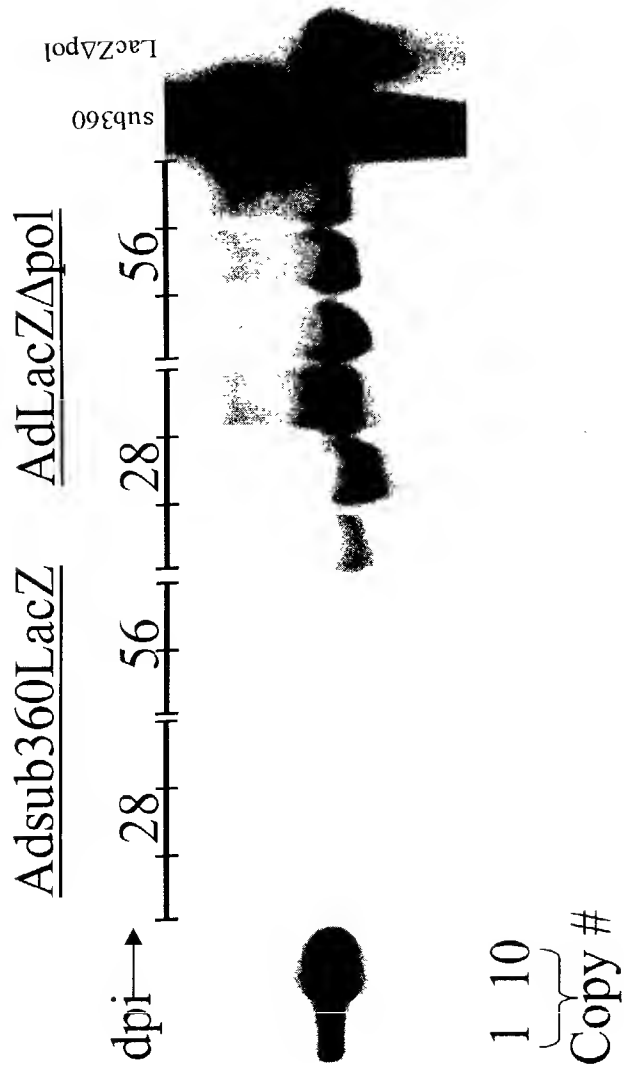


Figure 26

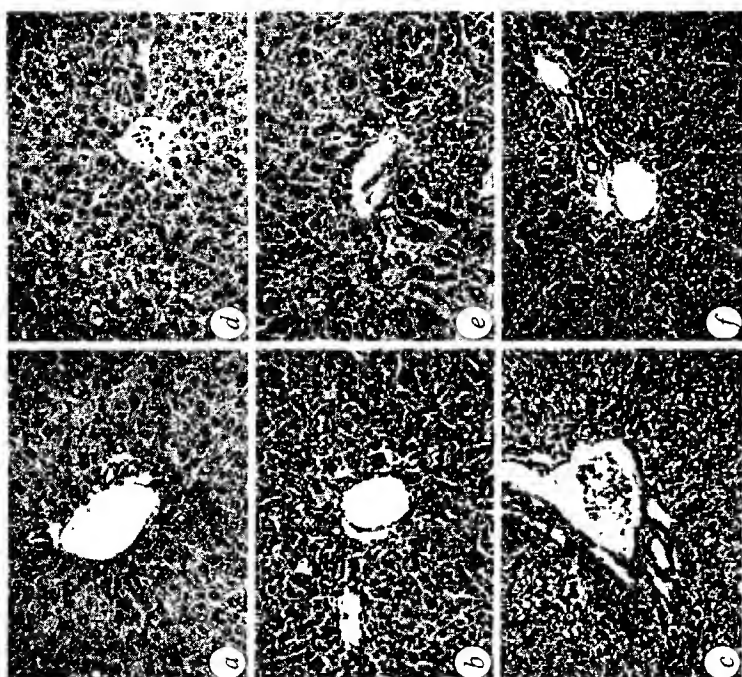


Figure 27

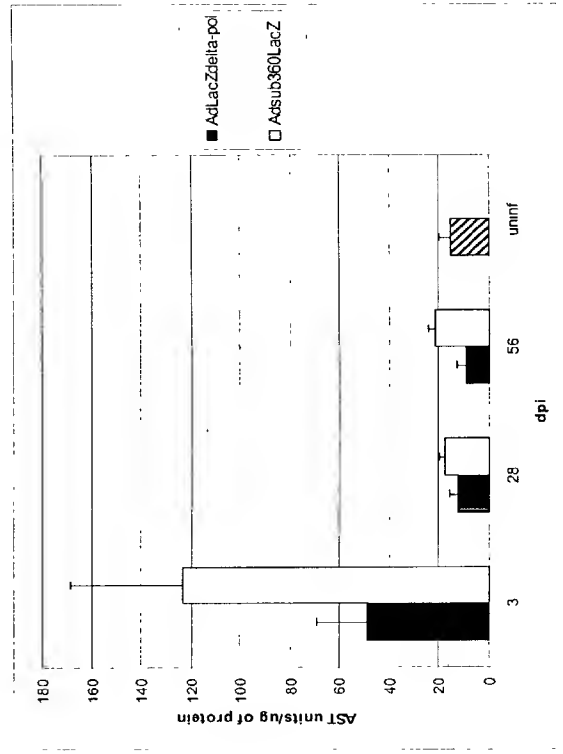


Figure 28

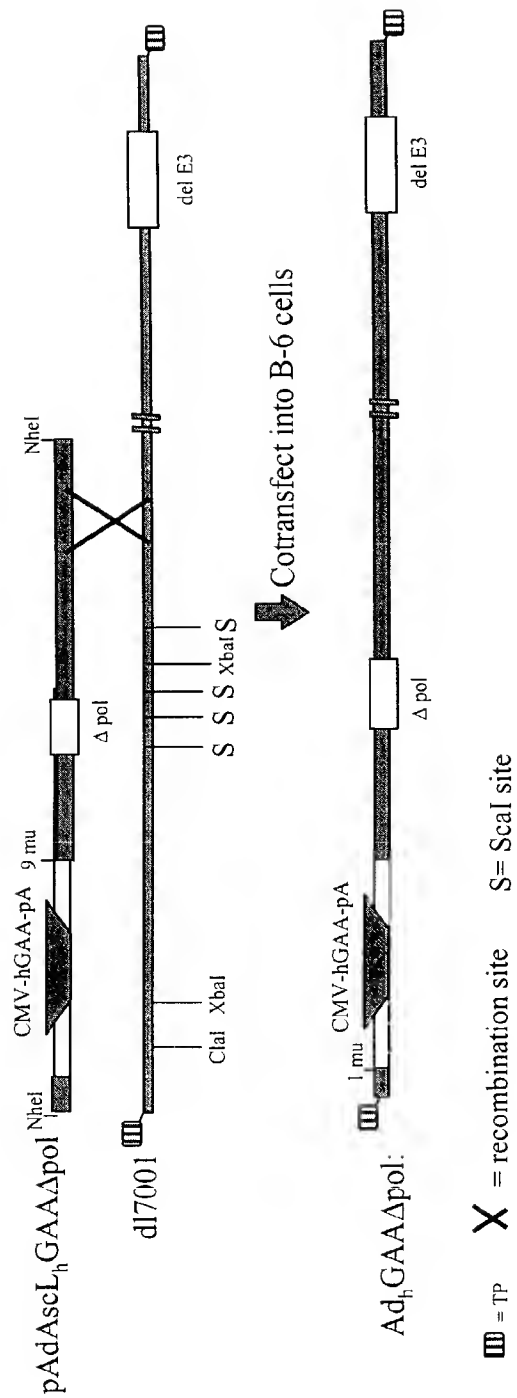


Figure 29

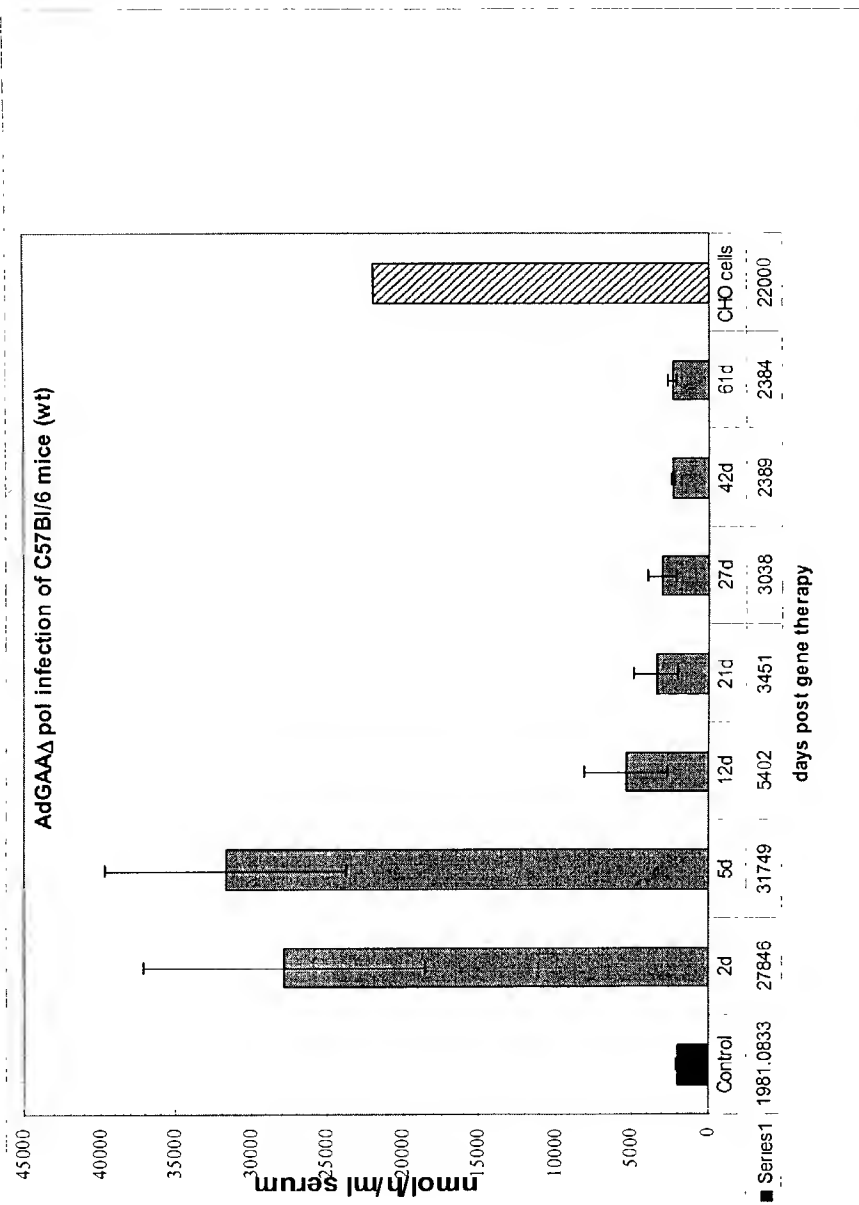


Figure 31



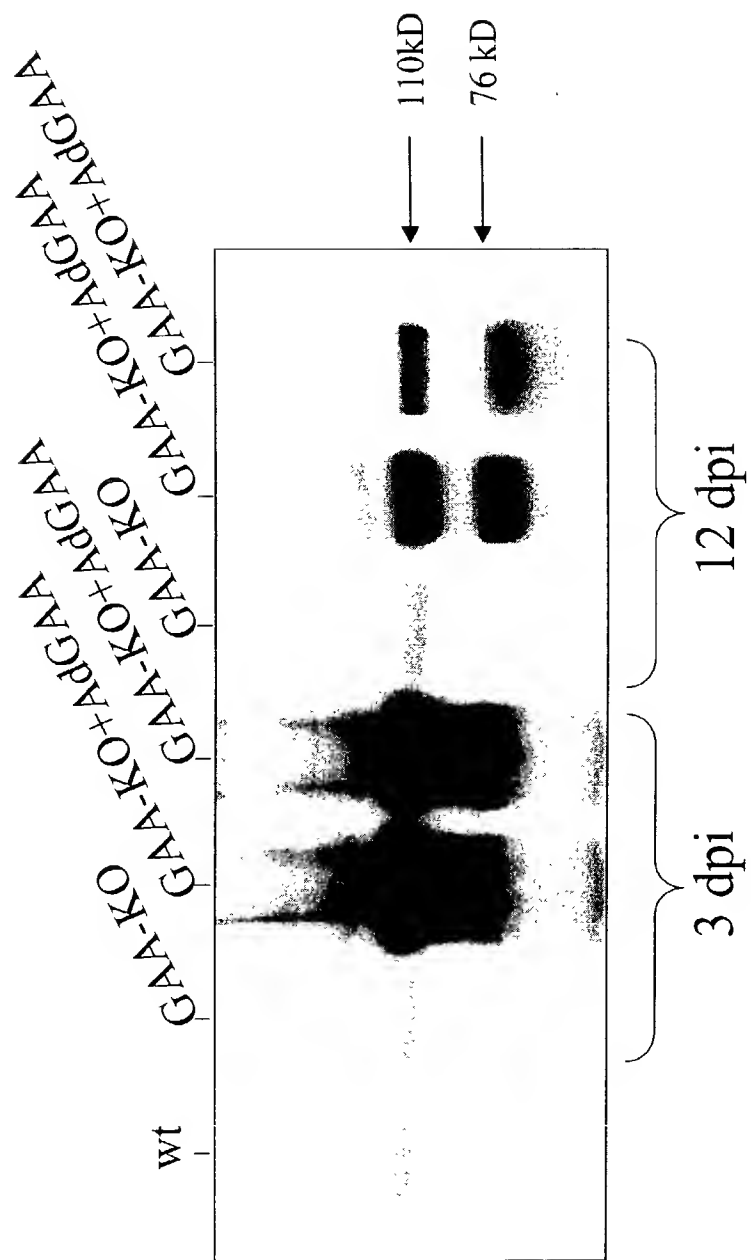


Figure 32

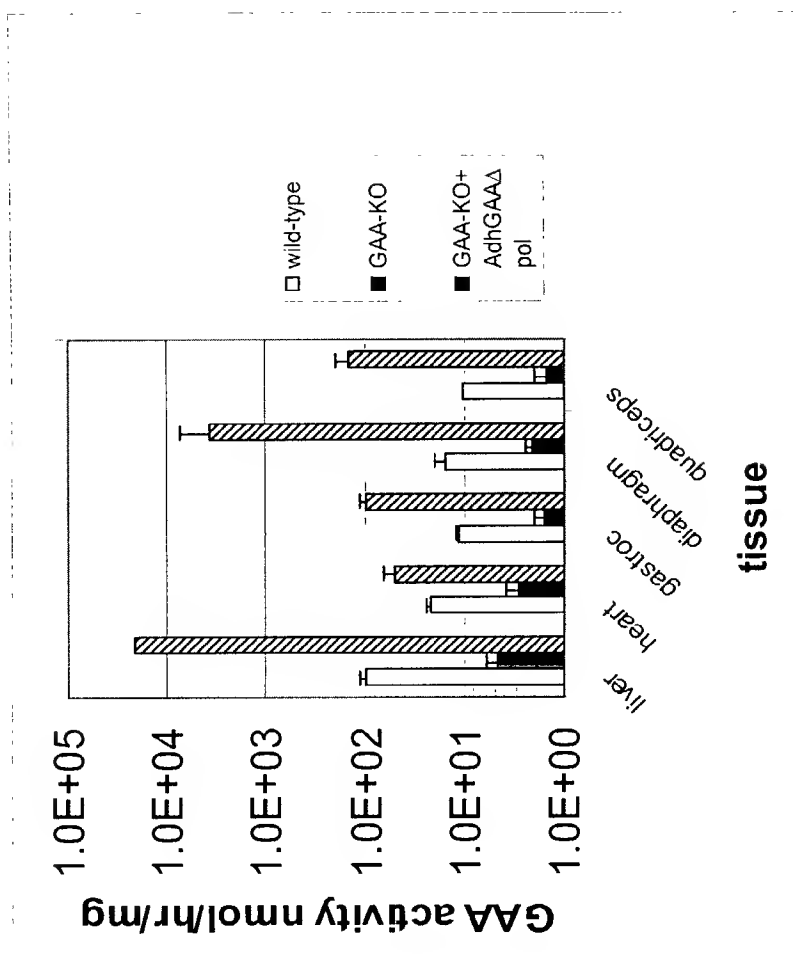


Figure 33

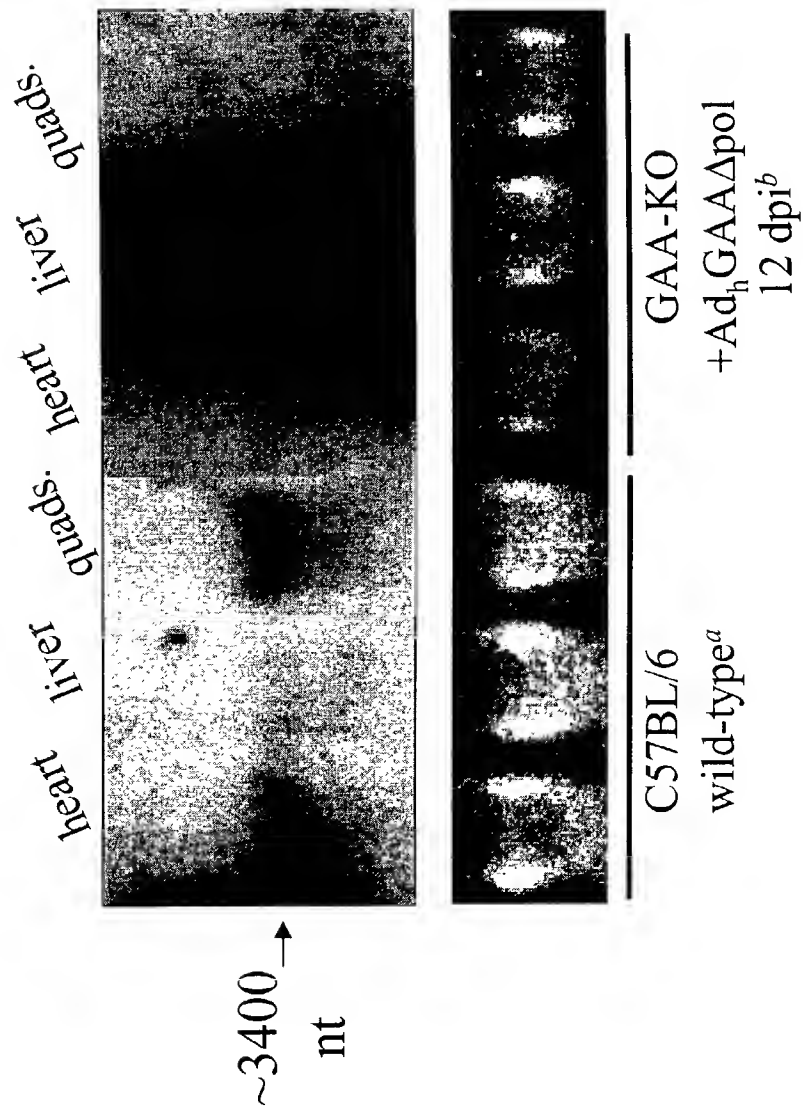


Figure 34

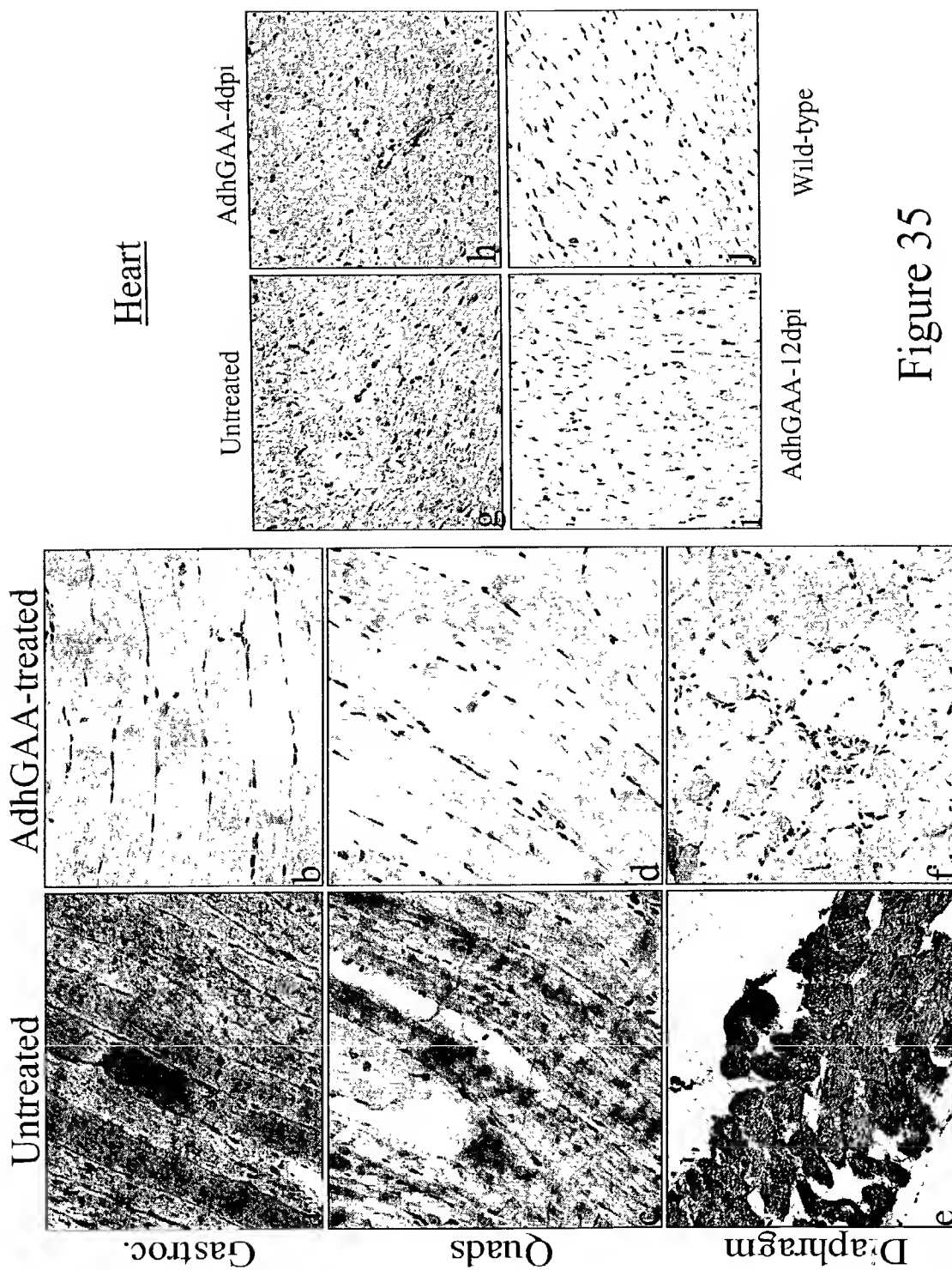


Figure 35

pAdAscL- $\Delta$ IVa2, $\Delta$ app-  
1.6kb:intermediate shuttle  
plasmid( $\sim$ 12.6kb)

# Amp-Res

## Linearization sites

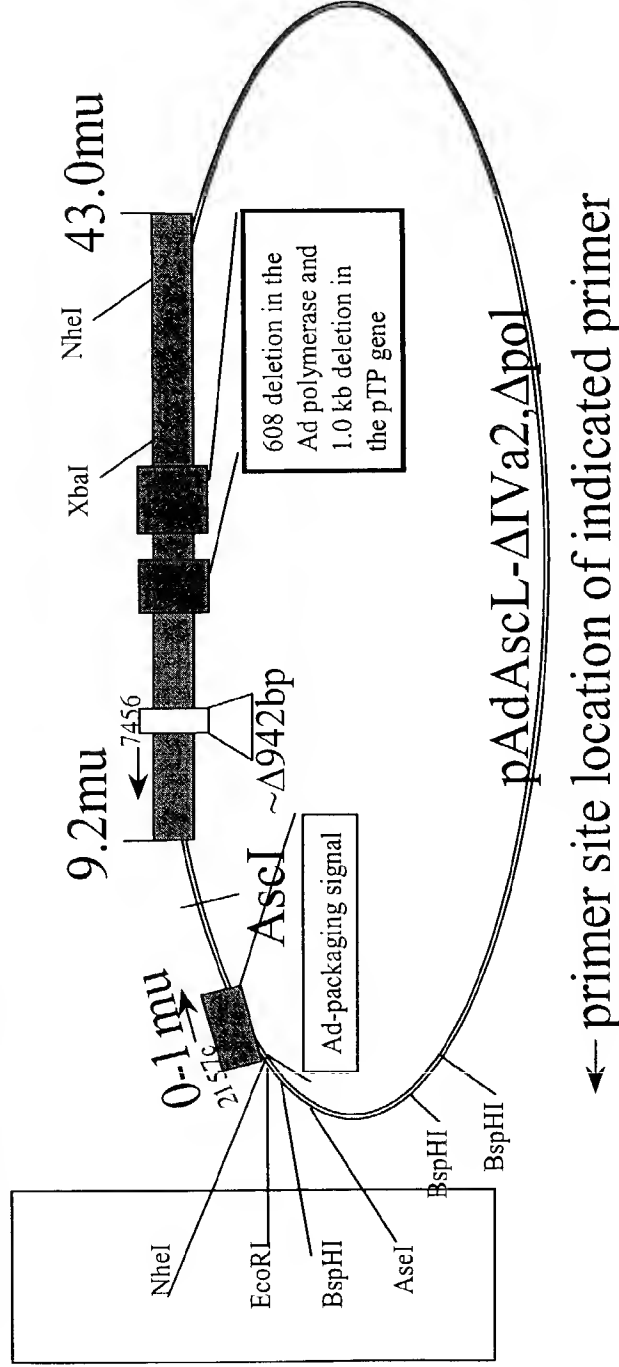
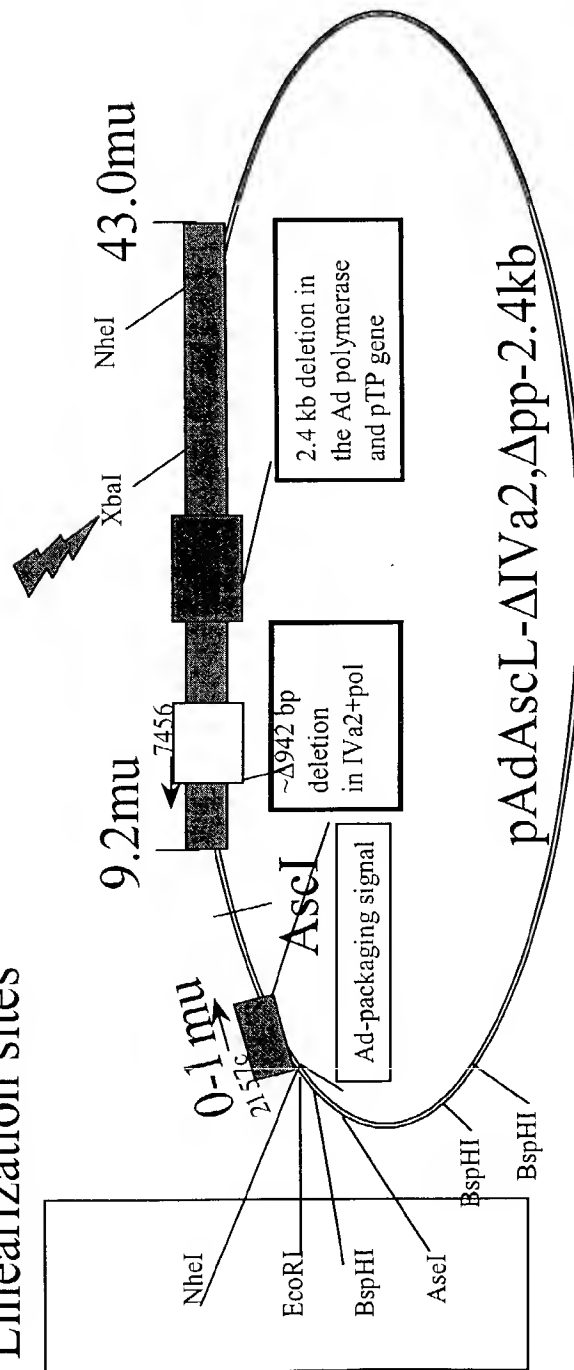


Figure 36

# pAdAscL-ΔIVa2,Δapp-2.4kb shuttle plasmid(~11.8kb)

Amp-Res

Linearization sites



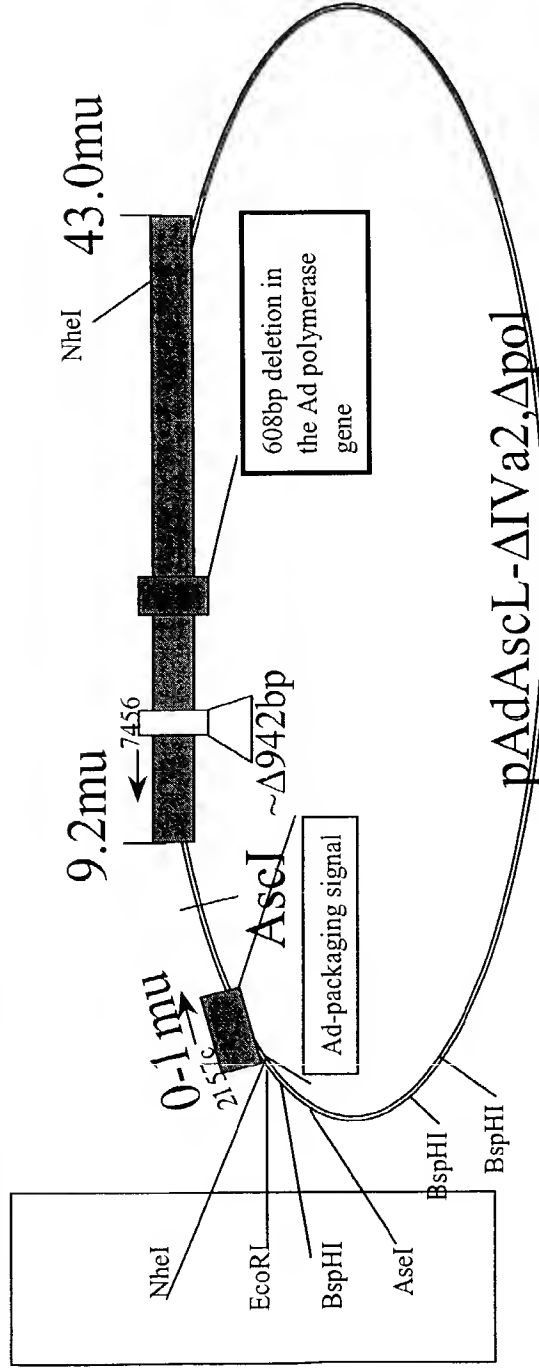
← primer site location of indicated primer

Figure 37

# pAdAscl-ΔIVa2,Δpol shuttle plasmid(~13.6kb)

Amp-Res

Linearization sites



← primer site location of indicated primer

Figure 38